ENGLAND GEOSYSTEM

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HALEY & ALDRICH

BOEING REALTY CORPORATION
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

TECHNICAL MEMORANDUM

SAMPLING AND ANALYSIS SUPPLEMENT
PARCEL D

To: **Mr. Brian Mossman**
Boeing Realty Corporation
3760 Kilroy Airport Way, Suite 500
Long Beach, CA 90806

From: **Haley & Aldrich, Inc.**

Date: **January 25, 2001**

Re: **Sampling and Analysis Supplement for the Boeing Realty Corporation Former C-6 Facility – Parcel D, Los Angeles, California**

Haley & Aldrich, Inc. is herein providing this technical memorandum to describe additional sampling activities to be conducted on Parcel D of the Boeing Realty Corporation's (BRC's) Former C-6 Facility in Los Angleles, California (subject parcel).

OVERVIEW/PURPOSE

It is proposed that one soil boring be advanced on the subject parcel. This boring is being drilled at the request of the Los Angeles Regional Water Quality Control Board (RWQCB) to complete the deep (beneath 12 feet) soil assessment on the subject parcel.

SAMPLING LOCATIONS

The proposed soil boring location is depicted on Figure 1. As indicated in the figure, this boring will be located approximately 100 feet north of the south-central boundary of the subject parcel at the location of former Boring B7. This area is currently undeveloped.

PRE-FIELD AND FIELD ACTIVITIES

A description of the pre-field and field activities is presented below.

Utility Clearance

A licensed land surveyor will be used to locate former Boring B7 for the placement of the proposed boring. Utilities and other apparent subsurface anomalies will be cleared through Underground Services Alert and a private utility locator firm. The proposed boring location will be adjusted, as necessary, to avoid damage to underground and above ground utilities during drilling. Prior to drilling, the location will be hand-augured to 5 feet below ground surface (bgs) to avoid possible damage to any unmarked utilities.

Traffic/Pedestrian Control and Community Health and Safety Monitoring

Traffic cones or other barricades will be used to control vehicular and pedestrian access to the boring location (investigation area). In addition, air monitoring and other health and safety controls and practices will be followed in accordance with the site investigation health and safety plan to provide protection to persons outside of the investigation area. Should unsafe or unhealthful conditions be identified, the investigation procedures will be stopped and/or modified to mitigate the unacceptable conditions.

Drilling and Sample Collection

The boring will be advance to depths up to approximately 70 feet bgs using a truck-mounted hollow stem auger drill rig or similar drilling equipment. Soil samples will be collected within vadose zone soil at depths of approximately 35, 45, 55, and 65 feet bgs.

Investigation-derived wastes (IDW) will be managed in accordance with the *Site-Wide Soil and Waste Management Plan*, dated October 31, 2000. Soil cuttings and equipment decontamination fluids (detergent solution, and rinsate water) will be containerized, and transported to Parcel C for temporary storage within a secured location, until transport to an appropriate disposal/recycling facility or treatment on Parcel C. Other IDW such as disposable personnel protective equipment, plastic sheeting, and other miscellaneous trash will be double-bagged in plastic bags, and transported to Parcel C for later disposal as municipal waste.

The borings will be tremmie-filled with a bentonite/neat cement slurry in accordance with Department of Water Resource (DWR) and Regional Water Quality Control Board (RWQCB) policies. No boring will be left open while unattended.

ANALYSES

Each soil sample will be analyzed for volatile organic compounds (VOCs) following U.S. Environmental Protection Agency (EPA) Method 8260B.

INVESTIGATION-DERIVED WASTE (IDW) MANAGEMENT

IDW generated during the course of the investigation will be managed, as noted above, in accordance with the *Site-Wide Soil and Waste Management Plan*, dated October 31, 2000.

Sincerely yours,

HALEY & ALDRICH, INC.

Richard M. Farson, P.E.
Senior Engineer
Industrial Environmental Group

Scott Zachary
Vice President
Industrial Environmental Group

Attachments: Figure 1 – Proposed Soil Sampling Location

PARCEL C

FRANCISCO STREET

PARCEL D

PROPOSED BORING
(FORMER BORING B7)

LIGHT POLES

SOUTH NORMANDIE AVENUE

N

0 150

FEET

LEGEND

PARCEL D BOUNDARY

PROPOSED BORING

BORING LOCATION MAP
PARCEL D
BRC FORMER BOEING C-6 FACILITY
LOS ANGELES, CALIFORNIA

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FIGURE

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